Compact Solutions, LLC

Teradata Bteq to IBM InfoSphere DataStage Migration Accelerator

Technology Description

Compact's Teradata Bteq to IBM InfoSphere DataStage Migration Accelerator, part of Compact's Data Integration and Migration Console (C.DIMC) family of solutions, is a push button solution to quickly and cost effectively convert legacy Bteq (basic teradata query) scripts to InfoSphere DataStage ETL (extract, transform and load) jobs. This solution reduces the work effort up to 80% compared to manual migrations.

By migrating to InfoSphere DataStage, customers can reduce the use of costly teradata platforms. IBM InfoSphere Information Analyzer and IBM InfoSphere QualityStage are used to analyze the source databases and implement data cleansing routines in InfoSphere DataStage. IBM InfoSphere Metadata Workbench is used to store metadata retrieved from Teradata Bteq scripts.

Compact's proprietary algorithms ensure consistent quality of generated InfoSphere DataStage jobs and eliminate expensive human errors often encountered in manual migrations. Bteq scripts are converted to InfoSphere DataStage jobs at the click of a button; the resulting InfoSphere DataStage jobs are functionally equivalent to the Bteq SQL statements. The solution requires the use of a small consulting team from Compact to optimize and productionalize the generated InfoSphere DataStage jobs.

Features & Benefits

- Completes migrations up to 80% faster while increasing performance and maintainability.
- Cuts the cost of migration by half compared to manual migrations.
- Reduces operating expenses by doing ETL processing on commodity hardware.
- Improves the speed of ETL processing up to 5 times faster, compared to SQL-based processing.
- Achieves greater ease of ETL maintenance compared to maintaining SQL scripts.
- Accelerates the time to success for ETL migrations.

IBM Segment

- InfoSphere

Business Function

- Migration

Target Industry

- Cross Industry

Value Proposition

Customers will benefit greatly from this solution because it quickly converts existing SQL scripts from a more costly database platform to an operationally less expensive platform running InfoSphere DataStage. Without this utility, it would be extremely time-consuming to migrate these SQL scripts.   This solution makes it very easy for customers to start benefiting from the advantages provided by InfoSphere DataStage and other IBM products such as InfoSphere QualityStage, InfoSphere Information Analyzer and InfoSphere Metadata Workbench.

Company Description

Compact Solutions is an IBM Advanced Business Partner and consulting firm focused exclusively on solving the toughest data challenges for information-intensive businesses across the world. We specialize in architecting, designing and deploying high-performance enterprise information management solutions to reduce the total cost of ownership for enterprise data warehouses and business intelligence systems.

IBM Software ValueNet